Volume 14 1990

No. 1 1– 94 issued in March 1990
No. 2 95–230 issued in June 1990
No. 3 231–340 issued in October 1990
No. 4 341–422 issued in December 1990

Author Index

Page

A

Abdon P, Lindstrand A, Thorngren K-G (Sweden): Statistical evaluation of the diagnostic criteria for meniscal tears 341
Abelanet R → Loty B
Adler C-P → Kulenkampff H-A
Ahlberg A, Linder B, Binhemd TA (Saudi Arabia): Osteoarthritis of the hip and knee in Saudi Arabia 29
Alonso JV → Vaquero DH
Alonso-Llames M → Doria A
Antičević D → Orlić D
Aspenberg P (Sweden): Grosse-Kempf nail combined with a Scan hip prosthesis 307
Augustiny N → Exner GU

B

Babst R → Morscher E
Bacci G → Capanna R
Baquey C → Mangione P
Benoit J → Fontes D
Berg NO → Rööser B
Binhemd TA → Ahlberg A
Biyani A, Mathur NC, Sharma JC (India): Percutaneous tension band wiring for minimally displaced fractures of the patella 281
Blanquaert D → Meunier A
Blary MC → Duriez J
Boer HH de, Wood MB, Hermans J (USA): Reconstruction of large skeletal defects by vascularized fibula transfer. Factors that influenced the outcome of union in 62 cases 121
Boss JK, Shajrawi I, Saudry M, Mendes DG (Israel): Histological features of the interface membrane of failed isoelastic cementless prostheses 399
Böstman O, Hirvensalo E, Vainionpää S, Vihtonen K, Törmälä P, Rokkanen P (Finland): Degradable polyglycolide rods for the internal fixation displaced brimalleolar fractures 1
Brand G → Ritschl P
Broström L-A → Mattsson E
Brunat-Mentigny M → Kohler R

C

Calvo R → Valenti JR
Campanacci → Capanna R
Cañadell J → Valenti JR
Cantraine F → Putz PH
Capanna R, Toni A, Sudanese A, McDonald D, Bacci G, Campanacci M (Italy, USA): Ewing's sarcoma of the pelvis 57
Carletti T → Motta F
Chauvaux D → Mangione P
Chiron P, Colombier JA, Tricoire JL, Puget J, Utheza G, Glock Y, Puel P (France): Une allogreffe massive vascularisée de diaphyse fémorale chez l'homme. *Replacement of the femoral shaft by a large vascularised allograft* 269
Christel P → Meunier A
Colombier JA → Chiron P
Contreras IR → Vaquero DH
Courpied JP → Loty B
Courpied JP → Loty B
Coussaert E → Putz PH
Cox JN → Hoffmeyer P

D

Delgado E → Doria A
Delvaux D → Putz PH
Didry R → Fontes D
Doria A, Gil E, Delgado E, Alonso-Llames M (Spain): Recurrent dislocation of the elbow 41
Duriez J, Flautre B, Blary MC, Duriez R (France): Effet d'un inhibiteur calcique, le vérapamil, sur le développement des ossifications hétérotopiques. Etude expérimentale chez le rat. *The effect of the calcium antagonist, Verapamil, in the prevention of heterotopic bone formation in rats* 415
Duriez R → Duriez J
Duwe F → Heise U

E

Eguchi M, Ogata K, Kawamura H, Shiota E, Sugioka Y (Japan): Oblique tibial osteotomy for rotational and varus deformities in children 31
Engel C → Müller ME
Exner GU, Hochstetter AR von, Augustiny N, Schulthess G von (Switzerland): Magnetic resonance imaging in malignant bone tumours 49

F

Fenoll-Brunet MR → Miralles R
Fernández-Palazzi F, Silva JR (Venezuela): Congenital dislocation of the knee 17
Ferris LR, Ho E, Leong JCY (Hong Kong): Lumbar spondyloptosis. A long term follow up of three cases. 139
Flautre B → Duriez J
Fontes D, Didry R, Lortat-Jacob A, Benoit J (France): Stabilisation dynamique d'une arthroplastie totale de hanche. À propos de 100 prothèses totales dont 52 luxées. *Dynamic stabilisation of total hip replacements* 297
Forest M → Loty B
Franke J, Hein G, Simon M, Hauch S (Federal Republic of Germany): Comparison of distraction epiphyseolysis and partial metaphyseal corticotomy in leg lengthening 405
Freuler → Hoffmeyer P
Fruensgaard S, Johannsen HV (Denmark): Outpatient arthroscopy of the knee under local anaesthesia 37
Fujita T → Mizutani A
Fujita T → Okada Y
Furuse M → Hirasawa Y

Page

G

Gaujoux G → Poitout D
George B → Loty B
Gil E → Doria A
Glock Y → Chiron P
Goto S → Ogata S
Gupta RP → Mohan V

H

Ha K-Y → Moon M-S
Halata Z → Haus J
Hasse WE → Kulenkampff H-A
Hauch S → Franke J
Haus J, Halata Z (Federal Republic of Germany): Innervation of the anterior cruciate ligament 293
Hein G → Franke J
Heise U, Osborn JF, Duwe F (Federal Republic of Germany): Hydroxyapatite ceramic as a bone substitute . 329
Hermans J → Boer HH de
Hirabayashi K → Soeda S
Hirasawa Y, Katsumi Y, Tamai K, Okada S, Tokioka T, Miyata T, Furuse M, Ide C (Japan): An experimental study of nerve regeneration through chemically treated allografts 85
Hirvensalo E → Böstman O
Hochstetter AR von → Exner GU
Ho E → Ferris LR
Hoffmeyer P, Freuler C, Cox JN (Switzerland): Pathological changes in the triceps surae muscle after rupture of the achilles tendon 183
Honton JL → Mangione P
Huy J → Schaap EJ

I

Ide C → Hirasawa Y
In Memoriam: Professeur Robert Merle d'Aubigné (1900–1989) 91
In Memoriam: Floyd H. Jergesen (1910–1990) 339
Itoh T → Tsuji H

J

Jain NC → Mittal RL
Javanović S → Orlić D
Jennings P → Wootton R
Jenny H → Morscher E
Johannsen HV → Fruensgaard S

K

Karanjia ND, Stiles PJ (England): The Guildford elbow 315
Karas SH (Switzerland): Double-duty angle guide 381
Katoh Y → Tsuji H
Katsumi Y → Hirasawa Y
Kawabe N, Yoshinao M (Japan): Cryopreservation of cartilage 231
Kawamura H → Eguchi M
Kim I → Moon M-S
King-Underwood C → Wootton R
Kohler R, Lorge F, Brunat-Mentigny M, Noyer D, Patricot L (France): Massive bone allografts in children .. 249
Komagamine M → Yoshino S
Korkala OL → Kuokkanen HO
Kulenkampff H-A, Richter GM, Hasse WE, Adler C-P (Federal Republic of Germany): Massive pelvic osteolysis in the Gorham-Stout syndrome 361
Kuokkanen HO, Suominen PK, Korkala OL (Finland): The late outcome of femoral neck fractures 377

Page

Kurihara M → Ogata S
Kuriskaki E → Tanaka H
Kuroki T → Ogata K

L

Lazović C → Zlatić M
Lee K-W → Moon M-S
Lempidakis M → Poitout D
Leong JCY → Ferris LR
Linder B → Ahlberg A
Lindstrand A → Abdon P
Linnarsson D → Mattsson E
Lintner F → Ritschl P
Long Pretz P → Putz PH
Lopez R → Valenti JR
Lorge F → Kohler R
Lortat-Jacob A → Fontes D
Loty B, Courpied JP, Tomeno B, Postel M, Forest M, Abelanet R (France): Bone allografts sterilised irradiation. Biological properties, procurement and results of 150 massive allografts 237
Loty B, Roux FX, George B, Courpied JP, Postel M (France): Utilisation du corail en chirurgie osseuse. Résultats après 4 ans d'utilisation. *The use of coral as a bone substitute* 255

M

Makiyama N → Tsuji H
Mangione P, Chauvaux D, Baquey C, Honton JL (France): Caractérisation chimique, biochimique, et dosage des métaux du liquide «périprothétique». *Characteristics of the fluid aspirated from hips with loose prostheses* 393
Marklund T → Mohan V
Martini M → Ziani F
Masuda S → Shinohara N
Mathur NC → Biyani A
Mattsson E, Broström L-A, Linnarsson D (Sweden): Changes in walking ability after knee replacement ... 277
McDonald D → Capanna R
Mendes DG → Boss JH
Meunier A, Christel P, Sedel L, Witvoet J, Blanquaert D (France): Influence du module d'élasticité des tiges fémorales de prothèses totales de hanche et de la collerette sur la répartition des déformations du fémur. *The influence of the Young's modulus of the material of an implanted femoral stem on the stress loading in the upper femur* 67
Middha VP, Vaishya R (India): Lesions produced by splinters of wood in soft tissues and bone 47
Miralles R, Sanpera I, Fenoll-Brunet MR (Spain): Results of operation for lumbar disc protrusions in children 135
Mittal RL, Jain NC (India): Arthrodesis of the wrist by a new technique 213
Miyata T → Hirasawa Y
Mizutani A, Fujita T, Watanabe S, Sakakida K, Okada Y (Japan): Experiments on antigenicity and osteogenicity in allotransplanted cancellous bone 243
Mizutani A → Okada Y
Mohan V, Gupta RP, Marklund T, Sabri T (Kuwait): Spinal brucellosis 63
Mokassa LB, Wagner J, Verhas M (Belgium): Indications des scintigraphies au Gallium 67 et aux leucocytes marqués à l'Indium 111 dans la mise au point des infections postopératoires en chirurgie ostéo-articulaire. *Comparison of the use of Indium 111 la-*

Page

belled leucocyte scan and Gallium 67 in the diagnosis of postoperative infection 155

Moon M-S, Kim I, Ok I-Y, Lee K-W (Korea): The response of nerve tissue to chymopapain 79

Moon M-S, Ok I-Y, Ha K-Y, Sihn J-C (Korea): Tuberculosis of the ischiopubic ramus. A report of five cases 175

Morscher E, Babst R, Jenny H (Switzerland): Treatment of infected joint arthroplasty 161

Motta F, Carletti T (Italy): Spontaneous rupture of the infraspinatus muscle. A case report 351

Msika CC, Sedlin ED (USA): Postero-lateral rotatory instability in osteoarthritis of the knee 25

Müller ME, Siedge C, Poss R, Schatzker J, Engel C, Paterson D: Report of the SICOT Presidential Commission on documentation and evaluation 221

N

Noyer D → Kohler R

O

Ogata K → Eguchi M

Ogata K, Kuroki T, Sugioka Y (Japan): Measurement of blood flow in rabbit bone transplants 75

Ogata S, Goto S, Kurihara M, Shimo R (Japan): Experimental study of lumbar facet degeneration in monkeys 355

Okada S → Hirasawa Y

Okada Y → Mizutani A

Okada Y, Sakakida K, Fujita T, Mizutani A (Japan): Experimental studies on half-joint transplantation. Antigenicity of fresh allografted articular cartilage and changes in the articular cartilage 261

Okihana H, Shimomura Y (Japan): Production and characterization of monoclonal antibodies against rabbit growth cartilage 321

Ok I-Y → Moon M-S

Ok I-Y → Moon M-S

Orlić D, Javanović S, Antičević D, Zečević J (Yugoslavia): Frequency of idiopathic aseptic necrosis in medically treated alcoholics 383

Osborn JF → Heise U

P

Paterson D → Müller ME

Patricot L → Kohler R

Pechmann U → Ritschl P

Poitout D, Gaujoux G, Lempidakis M (France): Reconstructions iliaques totales ou partielles à l'aide d'allogreffes de banque. *Reconstruction of massive pelvic defects using allografts* 111

Poss R → Müller ME

Postel M → Loty B

Postel M → Loty B

Puel P → Chiron P

Puget J → Chiron P

Putz PH, Coussaert E, Delvaux D, Long Pretz P, Thys R, Cantraine F (Belgium): Ostéosynthèse des lésions proximales du fémur par vis-plaque dynamisée. Etude multicentrique: 1871 cas. *Osteosynthesis of lesions of the neck of the femur using a dynamic hip screw. A multicentre study* 285

R

Radojević B → Zlatić M

Ranstam J → Rööser B

Richter GM → Kulenkampff H-A

Page

Ritschl P, Lintner F, Pechmann U, Brand G (Austria): Fibrous metaphyseal defect 205

Rokkanen P → Böstman O

Rööser B, Berg NO, Ranstam J, Rydholm A, Willén H (Sweden): Prediction of survival in patients with high-grade soft tissue sarcoma 199

Roux FX → Loty B

Rydholm A → Rööser B

S

Sabri T → Mohan V

Sakakida K → Mizutani A

Sakakida K → Okada Y

Sanpera I → Miralles R

Satomi → Soeda S

Saudry M → Boss JH

Schaap EJ, Huy J, Tonino AJ (The Netherlands): Long-term results of arthrodesis of the ankle 9

Schatzker J → Müller ME

Schöllner D (Federal Republic of Germany): One stage reduction and fusion for spondylolisthesis 145

Schulthess G von → Exner GU

Sedel L → Meunier A

Sedlin ED → Msika CC

Seeliger H → Suttner J-F

Sekido H → Tsuji H

Shajrawi I → Boss JH

Sharma JC → Biyani A

Sharma SV (India): Habitual dislocation of the patella . 21

Shimomura Y → Tanaka H

Shimomura Y → Okihana H

Shimo R → Ogata S

Shinohara N, Sumida S, Masuda S (Japan): Bone allografts after segmental resection of tumours 273

Shiota E → Eguchi M

Shoji H → Yoshino S

Shu Zhen S → Yang Guan W

Siedge C → Müller ME

Sihn J-C → Moon M-S

Sijbrandij S (The Netherlands): Percutaneous nailing in the management of osteogenesis imperfecta 195

Silva JR → Fernández-Palazzi F

Simon M → Franke J

Sneath RS → Waldram MA

Soeda S, Satomi K, Hirabayashi K (Japan): Experimental studies on spinal cord function using evoked action potentials 151

Stiles PJ → Karanjia ND

Suarez MC → Vaquero DH

Sudanese A → Capanna R

Sugioka Y → Eguchi M

Sugioka Y → Ogata K

Sumida S → Shinohara N

Suominen PK → Kuokkanen HO

Suttner J-F, Wirth CJ, Wülker N, Seeliger H (Federal Republic of Germany): Madura foot. A report of two cases 217

T

Tai Yi W → Yang Guan W

Tamai K → Hirasawa Y

Tanaka H, Yasui N, Kuriskaki E, Shimomura Y (Japan): The Goltz syndrome associated with giant cell tumour of bone. A case report 179

Thorngren K-G → Abdon P

Thys R → Putz PH

Tokioka T → Hirasawa Y

Page

Tomeno B → Loty B
Toni A → Capanna R
Tonino AJ → Schaap EJ
Törmälä S → Böstman O
Tricoire JL → Chiron P
Tsuji H, Itoh T, Sekido H, Yamada H, Katoh Y, Makiyama N, Yamagami T (Japan): Expansive laminoplasty for lumbar spinal stenosis 309

U

Utheza G → Chiron P

V

Vainionpää S → Böstman O
Vaishya R → Middha VP
Valenti JR, Calvo R, Lopez R, Cañadell J (Spain): Long term evaluation of high tibial valgus osteotomy 347
Vaquero DH, Suarez MC, Contreras IR, Alonso JV (Spain): Extraosseous sarcoma. A case report 367
Verhas M → Mokassa LB
Vihtonen K → Böstman O

W

Wagner J → Mokassa LB
Waldram MA, Sneath RS (United Kingdom): Is bone graft necessary? Analysis of twenty cases of giant cell tumour of bone treated by curettage without graft ... 129
Watanabe S → Mizutani A
Willén H → Rööser B
Wirth CJ → Suttner J-F
Witvoet J → Meunier A
Wood MB → Boer HH de
Wood SJ → Wootton R

Page

Wootton R, Jennings P, King-Underwood C, Wood SJ (United Kindom): The effect of intermittent local heating on fracture healing in the distal tibia of the rabbit 189
Wülker N → Suttner J-F

Y

Yamada H → Tsuji H
Yamagami T → Tsuji H
Yang Guan W, Tai Yi W, Yun Zhi M, Shu Zhen S (People Republic of China): Experimental research on the use of an antineoplastic drug with a bone implant 387
Yasui N → Tanaka H
Yoshinao M → Kawabe N
Yoshino S, Shoji H, Komagamine M (Japan, USA): Full flexion after total knee replacement in rheumatoid arthritis 13
Yun Zhi M → Yang Guan W

Z

Zečević J → Orlić D
Ziani F, Martini M (Algeria): Résultats du traitement chirurgical des ostéomyélites hématogènes chroniques du péroné. Une série de 20 cas. *Clinical results of chronic hematogenous osteomyelitis of the fibula treated by surgery. A series of 20 cases*..... 167
Zlatić M, Radojević B, Lazović C (Yugoslavia): Reconstruction of the hypoplastic acetabulum in cementless arthroplasty of the hip 371

Subject Index

Page

A

Acetabulum
Reconstruction of the hypoplastic acetabulum in cementless arthroplasty of the hip. Zlatić M, Radojević C, Lazović C 371
Action potentials
Experimental studies on spinal cord function using evoked action potentials. Soeda S, Satomi K, Hirabayashi K 151
Alcoholism
Frequency of idiopathic aseptic necrosis in medically treated alcoholics. Orlić D, Javanović S, Antičević D, Zečević J 383
Allograft
Reconstructions iliaques totales ou partielles à l'aide d'allogreffes de banque. *Reconstruction of massive pelvic defects using allografts.* Poitout D, Gaujoux G, Lempidakis M 111
Reconstruction of large skeletal defects by vascularized fibula transfer. Factors that influenced the outcome of union in 62 cases. de Boer HH, Wood MB, Hermans J 121
Bone allografts sterilised by irradiation. Biological properties, procurement and results of 150 massive allografts. Loty B, Courpied JP, Tomeno B, Postel M, Forest M, Abelanet R 237
Massive bone allografts in children. Kohler R, Lorge F, Brunat-Mentigny M, Noyer D, Patricot L 249
Experimental studies on half-joint transplantation. Antigenicity of fresh allografted articular cartilage and changes in the articular cartilage. Okada Y, Sakakida K, Fujita T, Mizutani A 261
Une allogreffe massive vascularisée de diaphyse fémorale chez l'homme. *Replacement of the femoral shaft by a large vascularised allograft.* Chiron P, Colombier JA, Tricoire JL, Puget J, Utheza G, Glock Y, Puel P 269
Bone allografts after segmental resection of tumours. Shinohara N, Sumida S, Masuda S 273
Ankle fracture
Degradable polyglycolide rods for the internal fixation of displaced bimalleolar fractures. Böstman O, Hirvensalo E, Vainionpää S, Vihtonen K, Törmälä P, Rokkanen P 1
Anterior cruciate ligament
Innervation of the anterior cruciate ligament. Haus J, Halata Z 293
Antibodies
Production and characterization of monoclonal antibodies against rabbit growth cartilage. Okihana H, Shimomura Y 321
Arthrodesis
Arthrodesis of the wrist by a new technique. Mittal RL, Jain NC 213
Arthroplasty
Full flexion after total knee replacement in rheumatoid arthritis. Yoshino S, Shoji H, Komagamine M 13
Influence du module d'élasticité des tiges fémorales de prothèses totales de hanche et de la collerette sur la répartition des déformations du fémur. *The influence of the Young's modulus of the material of an implanted femoral stem on the stress loading in the upper femur.* Meunier A, Christel P, Sedel L, Witvoet J, Blanquaert D 67
reatment of infected joint arthroplasty. Morscher E, Babst R, Jenny H 161
Changes in walking ability after knee replacement. Mattsson E, Broström L-A, Linnarsson D 277
Stabilisation dynamique d'une arthroplastie totale de hanche. À propos de 100 prothèses totales dont 52 luxées. *Dynamic stabilisation of total hip replacements.* Fontes D, Didry R, Lortat-Jacob A, Benoit J 297
Grosse-Kempf nail combined with a Scan hip prosthesis. Aspenberg P 307
The Guildford elbow. Karanjia ND, Stiles PJ 315
Reconstruction of the hypoplastic acetabulum in cementless arthroplasty of the hip. Zlatić M, Radojević C, Lazović C 371
Caractérisation chimique, biochimique, et dosage des métaux du liquide «périprothétique». *Characteristics of the fluid aspirated from hips with loose prostheses.* Mangione P, Chauvaux D, Baquey C, Honton JL 393
Histological features of the interface membrane of failed isoelastic cementless prostheses. Boss JH, Shajrawi I, Saudry M, Mendes DG 399
Outpatient arthroscopy of the knee under local anaesthesia. Fruensgaard S, Johannsen HV 37
Aseptic necrosis
Frequency of idiopathic aseptic necrosis in medically treated alcoholics. Orlić D, Javanović S, Antičević D, Zečević J 383

B

Biomechanics
Influence du module d'élasticité des tiges fémorales de prothèses totales de hanche et de la collerette sur la répartition des déformations du fémur. *The influence of the Young's modulus of the material of an implanted femoral stem on the stress loading in the upper femur.* Meunier A, Christel P, Sedel L, Witvoet J, Blanquaert D 67
Blood flow
Measurement of blood flow in rabbit bone transplants. Ogata K, Kuroki T, Sugioka Y 75
Bone
Lesions produced by splinters of wood in soft tissues and bone. Middha VP, Vaishya R 47
Reconstructions iliaques totales ou partielles à l'aide d'allogreffes de banque. *Reconstruction of massive pelvic defects using allografts.* Poitout D, Gaujoux G, Lempidakis M 111
Bone allografts sterilised by irradiation. Biological properties, procurement and results of 150 massive allografts. Loty B, Courpied JP, Tomeno B, Postel M, Forest M, Abelanet R 237
Experiments on antigenicity and osteogenicity in allotransplanted cancellous bone. Mizutani A, Fujita T, Watanabe S, Sakakida K, Okada Y 243

Page

Massive bone allografts in children. Kohler R, Lorge F, Brunat-Mentigny M, Noyer D, Patricot L 249

Une allogreffe massive vascularisée de diaphyse fémorale chez l'homme. *Replacement of the femoral shaft by a large vascularised allograft.* Chiron P, Colombier JA, Tricoire JL, Puget J, Utheza G, Glock Y, Puel P 269

Bone allografts after segmental resection of tumours. Shinohara N, Sumida S, Masuda S 273

Hydroxyapatite ceramic as a bone substitute. Heise U, Osborn JF, Duwe F 329

Bone substitute

Utilisation du corail en chirurgie osseuse. Résultats après 4 ans d'utilisation. *The use of coral as a bone substitute.* Loty B, Roux FX, George B, Courpied JP, Postel M 255

Hydroxyapatite ceramic as a bone substitute. Heise U, Osborn JF, Duwe F 329

Bone transplant

Measurement of blood flow in rabbit bone transplants. Ogata K, Kuroki T, Sugioka Y 75

Bone tumour

Massive bone allografts in children. Kohler R, Lorge F, Brunat-Mentigny M, Noyer D, Patricot L 249

Bone allografts after segmental resection of tumours. Shinohara N, Sumida S, Masuda S 273

Bone tumours

Magnetic resonance imaging in malignant bone tumours. Exner GU, von Hochstetter AR, Augustiny N, von Schulthess G 49

Brucellosis

Spinal brucellosis. Mohan V, Gupta RP, Marklund T, Sabri T 63

C

Cartilage

Cryopreservation of cartilage. Kawabe N, Yoshinao M 231

Experimental studies on half-joint transplantation. Antigenicity of fresh allografted articular cartilage and changes in the articular cartilage. Okada Y, Sakakida K, Fujita T, Mizutani A 261

Production and characterization of monoclonal antibodies against rabbit growth cartilage. Okihana H, Shimomura Y 321

Cementless

Reconstruction of the hypoplastic acetabulum in cementless arthroplasty of the hip. Zlatić M, Radojević C, Lazović C 371

Ceramic

Hydroxyapatite ceramic as a bone substitute. Heise U, Osborn JF, Duwe F 329

Children

Results of operation for lumbar disc protrusions in children. Miralles R, Sanpera I, Fenoll-Brunet MR 135

Massive bone allografts in children. Kohler R, Lorge F, Brunat-Mentigny M, Noyer D, Patricot L 249

Chimopapain

The response of nerve tissue to chymopapain. Moon M-S, Kim I, Ok I-Y, Lee K-W 79

Congenital

Congenital dislocation of the knee. Fernández-Palazzi F, Silva JR 17

Coral

Utilisation du corail en chirurgie osseuse. Résultats après 4 ans d'utilisation. *The use of coral as a bone substitute.* Loty B, Roux FX, George B, Courpied JP, Postel M 255

Cortical defect

Fibrous metaphyseal defect. Ritschl P, Lintner F, Pechmann U, Brand G 205

Corticotomy

Comparison of distraction epiphyseolysis and partial metaphyseal corticotomy in leg lengthening. Franke J, Hein G, Simon M, Hauch S 405

Cryopreservation

Cryopreservation of cartilage. Kawabe N, Yoshinao M 231

Experiments on antigenicity and osteogenicity in allotransplanted cancellous bone. Mizutani A, Fujita T, Watanabe S, Sakakida K, Okada Y 243

Experimental studies on half-joint transplantation. Antigenicity of fresh allografted articular cartilage and changes in the articular cartilage. Okada Y, Sakakida K, Fujita T, Mizutani A 261

Curettage

Is bone graft necessary? Analysis of twenty cases of giant cell tumour of bone treated by curettage without graft. Waldram MA, Sneath RS 129

D

Disc protrusion

Results of operation for lumbar disc protrusions in children. Miralles R, Sanpera I, Fenoll-Brunet MR 135

Dislocation

Congenital dislocation of the knee. Fernández-Palazzi F, Silva JR 17

Habitual dislocation of the patella. Sharma SV 21

Recurrent dislocation of the elbow. Doria A, Gil E, Delgado E, Alonso-Llames M 41

Distraction epiphys

Comparison of distraction epiphyseolysis and partial metaphyseal corticotomy in leg lengthening. Franke J, Hein G, Simon M, Hauch S 405

E

Elbow

Recurrent dislocation of the elbow. Doria A, Gil E, Delgado E, Alonso-Llames M 41

The Guildford elbow. Karanjia ND, Stiles PJ 315

Epiphysiolysis

Comparison of distraction epiphyseolysis and partial metaphyseal corticotomy in leg lengthening. Franke J, Hein G, Simon M, Hauch S 405

Ewing sarcoma

Ewing's sarcoma of the pelvis. Capanna R, Toni A, Sudanese A, McDonald D, Bacci G, Campanacci M 57

F

Femoral neck

The late outcome of femoral neck fractures. Kuokkanen HO, Suominen PK, Korkala OL 377

Femur

Grosse-Kempf nail combined with a Scan hip prosthesis. Aspenberg P 307

The late outcome of femoral neck fractures. Kuokkanen HO, Suominen PK, Korkala OL 377

Fibrous defect

Fibrous metaphyseal defect. Ritschl P, Lintner F, Pechmann U, Brand G 205

Page

Fibula
Résultats du traitement chirurgical des ostéomyélites hématogènes chroniques du péroné. Une série de 20 cas. *Clinical results of chronic hematogenous osteomyelitis of the fibula treated by surgery. A series of 20 cases.* Ziani F, Martini M 167
Fibular transplant
Reconstruction of large skeletal defects by vascularized fibula transfer. Factors that influenced the outcome of union in 62 cases. de Boer HH, Wood MB, Hermans J 121
Fracture
Ostéosynthèse des lésions proximales du fémur par vis-plaque dynamisée. Etude multicentrique: 1871 cas. *Osteosynthesis of lesions of the neck of the femur using a dynamic hip screw. A multicentre study.* Putz Ph, Coussaert E, Delvaux D, Long Pretz P, Thys R, Cantraine F 285
The late outcome of femoral neck fractures. Kuokkanen HO, Suominen PK, Korkala OL 377
Double-duty angle guide. Karas SH 381
Fracture healing
The effect of intermittent local heating on fracture healing in the distal tibia of the rabbit. Wootton R, Jennings P, King-Underwood C, Wood SJ 189

G

Gallium
Indications des scintigraphies au Gallium 67 et aux leucocytes marqués à l'Indium 111 dans la mise au point des infections postopératoires en chirurgie osteo-articulaire. *Comparison of the use of Indium 111 labelled leucocyte scan and Gallium 67 in the diagnosis of postoperative infection.* Mokassa LB, Wagner J, Verhas M 155
Giant cell tumour
Is bone graft necessary? Analysis of twenty cases of giant cell tumour of bone treated by curettage without graft. Waldram MA, Sneath RS 129
The Goltz syndrome associated with giant cell tumour of bone. A case report. Tanaka H, Yasui N, Kuriskaki E, Shimomura Y 179
Goltz syndrome
The Goltz syndrome associated with giant cell tumour of bone. A case report. Tanaka H, Yasui N, Kuriskaki E, Shimomura Y 179
Gorham syndrome
Massive pelvic osteolysis in the Gorham-Stout syndrome. Kulenkampff H-A, Richter GM, Hasse WE, Adler C-P 361
Graft
Utilisation du corail en chirurgie osseuse. Résultats après 4 ans d'utilisation. *The use of coral as a bone substitute.* Loty B, Roux FX, George B, Courpied JP, Postel M 255
Grosse-Kempf nail
Grosse-Kempf nail combined with a Scan hip prosthesis. Aspenberg P 307
Growth cartilage
Production and characterization of monoclonal antibodies against rabbit growth cartilage. Okihana H, Shimomura Y 321

Page

H

Heating
The effect of intermittent local heating on fracture healing in the distal tibia of the rabbit. Wootton R, Jennings P, King-Underwood C, Wood SJ 189
Heterotopic
Effet d'un inhibiteur calcique, le vérapamil, sur le développement des ossifications hétérotopiques. Etude expérimentale chez le rat. *The effect of the calcium antagonist, Verapamil, in the prevention of heterotopic bone formation in rats.* Duriez J, Flautre B, Blary MC, Duriez R 415
Hip
Osteoarthritis of the hip and knee in Saudi Arabia. Ahlberg A, Linder B, Binhemd TA 29
Influence du module d'élasticité des tiges fémorales de prothèses totales de hanche et de la collerette sur la répartition des déformations du fémur. *The influence of the Young's modulus of the material of an implanted femoral stem on the stress loading in the upper femur.* Meunier A, Christel P, Sedel L, Witvoet J, Blanquaert D 67
Ostéosynthèse des lésions proximales du fémur par vis-plaque dynamisée. Etude multicentrique: 1871 cas. *Osteosynthesis of lesions of the neck of the femur using a dynamic hip screw. A multicentre study.* Putz Ph, Coussaert E, Delvaux D, Long Pretz P, Thys R, Cantraine F 285
Stabilisation dynamique d'une arthroplastie totale de hanche. À propos de 100 prothèses totales dont 52 luxées. *Dynamic stabilisation of total hip replacements.* Fontes D, Didry R, Lortat-Jacob A, Benoit J 297
Grosse-Kempf nail combined with a Scan hip prosthesis. Aspenberg P 307
Reconstruction of the hypoplastic acetabulum in cementless arthroplasty of the hip. Zlatić M, Radojević C, Lazović C 371
The late outcome of femoral neck fractures. Kuokkanen HO, Suominen PK, Korkala OL 377
Double-duty angle guide. Karas SH 381
Frequency of idiopathic aseptic necrosis in medically treated alcoholics. Orlić D, Javanović S, Antičević D, Zečević J 383
Experimental research on the use of an antineoplastic drug with a bone implant. Yang Guan W, Tai Yi W, Yun Zhi M, Shu Zhen S 387
Caractérisation chimique, biochimique, et dosage des métaux du liquide «périprothétique». *Characteristics of the fluid aspirated from hips with loose prostheses.* Mangione P, Chauvaux D, Baquey C, Honton JL 393
Histological features of the interface membrane of failed isoelastic cementless prostheses. Boss JH, Shajrawi I, Saudry M, Mendes DG 399
Hydroxyapatite
Hydroxyapatite ceramic as a bone substitute. Heise U, Osborn JF, Duwe F 329

I

Indium
Indications des scintigraphies au Gallium 67 et aux leucocytes marqués à l'Indium 111 dans la mise au point des infections postopératoires en chirurgie osteo-articulaire. *Comparison of the use of Indium*

Page

111 labelled leucocyte scan and Gallium 67 in the diagnosis of postoperative infection. Mokassa LB, Wagner J, Verhas M 155

Infection

Indications des scintigraphies au Gallium 67 et aux leucocytes marqués à l'Indium 111 dans la mise au point des infections postopératoires en chirurgie osteo-articulaire. *Comparison of the use of Indium 111 labelled leucocyte scan and Gallium 67 in the diagnosis of postoperative infection.* Mokassa LB, Wagner J, Verhas M 155

Treatment of infected joint arthroplasty. Morscher E, Babst R, Jenny H 161

Infraspinatus muscle

Spontaneous rupture of the infraspinatus muscle. A case report. Motta F, Carletti T 351

Innervation

Innervation of the anterior cruciate ligament. Haus J, Halata Z 293

Interface membrane

Histological features of the interface membrane of failed isoelastic cementless prostheses. Boss JH, Shajrawi I, Saudry M, Mendes DG 399

Irradiation

Bone allografts sterilised by irradiation. Biological properties, procurement and results of 150 massive allografts. Loty B, Courpied JP, Tomeno B, Postel M, Forest M, Abelanet R 237

K

Knee

Full flexion after total knee replacement in rheumatoid arthritis. Yoshino S, Shoji H, Komagamine M 13

Congenital dislocation of the knee. Fernández-Palazzi F, Silva JR 17

Postero-lateral rotatory instability in osteoarthritis of the knee. Msika CC, Sedlin ED 25

Osteoarthritis of the hip and knee in Saudi Arabia. Ahlberg A, Linder B, Binhemd TA 29

Outpatient arthroscopy of the knee under local anaesthesia. Fruensgaard S, Johannsen HV 37

Changes in walking ability after knee replacement. Mattsson E, Broström L-A, Linnarsson D 277

Statistical evaluation of the diagnostic criteria for meniscal tears. Abdon P, Lindstrand A, Thorngren K-G 341

Long term evaluation of high tibial valgus osteotomy. Valenti JR, Calvo R, Lopez R, Cañadell J 347

L

Laminoplasty

Expansive laminoplasty for lumbar spinal stenosis. Tsuji H, Itoh T, Sekido H, Yamada H, Katoh Y, Makiyama N, Yamagami T 309

Leg lenthening

Comparison of distraction epiphyseolysis and partial metaphyseal corticotomy in leg lengthening. Franke J, Hein G, Simon M, Hauch S 405

Local anaesthesia

Outpatient arthroscopy of the knee under local anaesthesia. Fruensgaard S, Johannsen HV 37

Lumbar fusion

One stage reduction and fusion for spondylolisthesis. Schöllner D 145

Lumbar spine

Expansive laminoplasty for lumbar spinal stenosis. Tsuji H, Itoh T, Sekido H, Yamada H, Katoh Y, Makiyama N, Yamagami T 309

M

Madura foot

Madura foot. A report of two cases. Suttner J-F, Wirth CJ, Wülker N, Seeliger H 217

Meniscus

Statistical evaluation of the diagnostic criteria for meniscal tears. Abdon P, Lindstrand A, Thorngren K-G 341

Metal

Caractérisation chimique, biochimique, et dosage des métaux du liquide «périprothétique». *Characteristics of the fluid aspirated from hips with loose prostheses.* Mangione P, Chauvaux D, Baquey C, Honton JL 393

Metaphyseal defect

Fibrous metaphyseal defect. Ritschl P, Lintner F, Pechmann U, Brand G 205

MR I

Magnetic resonance imaging in malignant bone tumours. Exner GU, von Hochstetter AR, Augustiny N, von Schulthess G 49

Muscle

Spontaneous rupture of the infraspinatus muscle. A case report. Motta F, Carletti T 351

N

Nerve allografts

An experimental study of nerve regeneration through chemically treated allografts. Hirasawa Y, Katsumi Y, Tamai K, Okada S, Tokioka T, Miyata T, Furuse M, Ide C 85

Nerve regeneration

An experimental study of nerve regeneration through chemically treated allografts. Hirasawa Y, Katsumi Y, Tamai K, Okada S, Tokioka T, Miyata T, Furuse M, Ide C 85

Nerve tissue

The response of nerve tissue to chymopapain. Moon M-S, Kim I, Ok I-Y, Lee K-W 79

O

Ossification

Effet d'un inhibiteur calcique, le vérapamil, sur le développement des ossifications hétérotopiques. Etude expérimentale chez le rat. *The effect of the calcium antagonist, Verapamil, in the prevention of heterotopic bone formation in rats.* Duriez J, Flautre B, Blary MC, Duriez R 415

Osteoarthritis

Osteoarthritis of the hip and knee in Saudi Arabia. Ahlberg A, Linder B, Binhemd TA 29

Osteogenesis

Experiments on antigenicity and osteogenicity in allotransplanted cancellous bone. Mizutani A, Fujita T, Watanabe S, Sakakida K, Okada Y 243

Osteolysis

Massive pelvic osteolysis in the Gorham-Stout syndrome. Kulenkampff H-A, Richter GM, Hasse WE, Adler C-P 361

Osteomyelitis

Résultats du traitement chirurgical des ostéomyélites hématogènes chroniques du péroné. Une série de

Page

20 cas. *Clinical results of chronic hematogenous osteomyelitis of the fibula treated by surgery. A series of 20 cases.* Ziani F, Martini M 167

Osteosarcoma

Extraosseous sarcoma. A case report. Vaquero DH, Suarez MC, Contreras IR, Alonso JV 367

Osteosynthesis

Degradable polyglycolide rods for the internal fixation of displaced bimalleolar fractures. Böstman O, Hirvensalo E, Vainionpää S, Vihtonen K, Törmälä P, Rokkanen P 1

Ostéosynthèse des lésions proximales du fémur par vis-plaque dynamisée. Etude multicentrique: 1871 cas. *Osteosynthesis of lesions of the neck of the femur using a dynamic hip screw. A multicentre study.* Putz Ph, Coussaert E, Delvaux D, Long Pretz P, Thys R, Cantraine F 285

Double-duty angle guide. Karas SH 381

Osteotomy

Oblique tibial osteotomy for rotational and varus deformities in children. Eguchi M, Ogata K, Kawamura H, Shiota E, Sugioka Y 31

Osteotomy

Long term evaluation of high tibial valgus osteotomy. Valenti JR, Calvo R, Lopez R, Cañadell J 347

P

Patella

Habitual dislocation of the patella. Sharma SV 21

Pelvis

Ewing's sarcoma of the pelvis. Capanna R, Toni A, Sudanese A, McDonald D, Bacci G, Campanacci M 57

Reconstructions iliaques totales ou partielles à l'aide d'allogreffes de banque. *Reconstruction of massive pelvic defects using allografts.* Poitout D, Gaujoux G, Lempidakis M 111

Massive pelvic osteolysis in the Gorham-Stout syndrome. Kulenkampff H-A, Richter GM, Hasse WE, Adler C-P 361

Polyglocolide

Degradable polyglycolide rods for the internal fixation of displaced bimalleolar fractures. Böstman O, Hirvensalo E, Vainionpää S, Vihtonen K, Törmälä P, Rokkanen P 1

Post-operative scintigrafy

Indications des scintigraphies au Gallium 67 et aux leucocytes marqués à l'Indium 111 dans la mise au point des infections postopératoires en chirurgie osteo-articulaire. *Comparison of the use of Indium 111 labelled leucocyte scan and Gallium 67 in the diagnosis of postoperative infection.* Mokassa LB, Wagner J, Verhas M 155

Pubo-ischium

Tuberculosis of the ischiopubic ramus. A report of five cases. Moon M-S, Ok I-Y, Ha K-Y, Sihn J-C . 175

R

Rheumatoid

Full flexion after total knee replacement in rheumatoid arthritis. Yoshino S, Shoji H, Komagamine M 13

Rotary deformity

Oblique tibial osteotomy for rotational and varus deformities in children. Eguchi M, Ogata K, Kawamura H, Shiota E, Sugioka Y 31

Page

Rotary instability

Postero-lateral rotatory instability in osteoarthritis of the knee. Msika CC, Sedlin ED 25

Rupture

Spontaneous rupture of the infraspinatus muscle. A case report. Motta F, Carletti T 351

Rupture achilles

Pathological changes in the triceps surae muscle after rupture of the achilles tendon. Hoffmeyer P, Freuler C, Cox JN 183

S

Sinovial fluyd

Caractérisation chimique, biochimique, et dosage des métaux du liquide «périprothétique». *Characteristics of the fluid aspirated from hips with loose prostheses.* Mangione P, Chauvaux D, Baquey C, Honton JL 393

Soft tissue

Lesions produced by splinters of wood in soft tissues and bone. Middha VP, Vaishya R 47

Soft tissue sarcoma

Extraosseous sarcoma. A case report. Vaquero DH, Suarez MC, Contreras IR, Alonso JV 367

Prediction of survival in patients with high-grade soft tissue sarcoma. Rööser B, Berg NO, Ranstam J, Rydholm A, Willén H 199

Spinal cord

Experimental studies on spinal cord function using evoked action potentials. Soeda S, Satomi K, Hirabayashi K 151

Spine

Spinal brucellosis. Mohan V, Gupta RP, Marklund T, Sabri T 63

Spondylolysthesis

One stage reduction and fusion for spondylolisthesis. Schöllner D 145

Spondyloptosis

Lumbar spondyloptosis. A long term follow up of three cases. Ferris LR, Ho E, Leong JCY 139

Stabilization

Stabilisation dynamique d'une arthroplastie totale de hanche. À propos de 100 prothèses totales dont 52 luxées. *Dynamic stabilisation of total hip replacements.* Fontes D, Didry R, Lortat-Jacob A, Benoit J 297

Stenosis

Expansive laminoplasty for lumbar spinal stenosis. Tsuji H, Itoh T, Sekido H, Yamada H, Katoh Y, Makiyama N, Yamagami T 309

Survival

Prediction of survival in patients with high-grade soft tissue sarcoma. Rööser B, Berg NO, Ranstam J, Rydholm A, Willén H 199

T

Tibial

Oblique tibial osteotomy for rotational and varus deformities in children. Eguchi M, Ogata K, Kawamura H, Shiota E, Sugioka Y 31

Triceps surae

Pathological changes in the triceps surae muscle after rupture of the achilles tendon. Hoffmeyer P, Freuler C, Cox JN 183

Page

Tuberculosis

Tuberculosis of the ischiopubic ramus. A report of five cases. Moon M-S, Ok I-Y, Ha K-Y, Sihn J-C . 175

V

Varus deformity

Oblique tibial osteotomy for rotational and varus deformities in children. Eguchi M, Ogata K, Kawamura H, Shiota E, Sugioka Y 31

Vascularized graft

Reconstruction of large skeletal defects by vascularized fibula transfer. Factors that influenced the outcome of union in 62 cases. de Boer HH, Wood MB, Hermans J 121

Une allogreffe massive vascularisée de diaphyse fémorale chez l'homme. *Replacement of the femoral shaft by a large vascularised allograft.* Chiron P, Colombier JA, Tricoire JL, Puget J, Utheza G, Glock Y, Puel P 269

Page

Verapamil

Effet d'un inhibiteur calcique, le vérapamil, sur le développement des ossifications hétérotopiques. Etude expérimentale chez le rat. *The effect of the calcium antagonist, Verapamil, in the prevention of heterotopic bone formation in rats.* Duriez J, Flautre B, Blary MC, Duriez R 415

W

Walking

Changes in walking ability after knee replacement. Mattsson E, Broström L-A, Linnarsson D 277

Wood splinters

Lesions produced by splinters of wood in soft tissues and bone. Middha VP, Vaishya R 47

Wrist

Arthrodesis of the wrist by a new technique. Mittal RL, Jain NC 213